

EXHIBIT A



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

APRIL 23, 2004

PTAS

ORRICK, HERRINGTON & SUTCLIFFE LLP
JAMES W. GERIAK
4 PARK PLAZA, SUITE 1600
IRVINE, CA 92614



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UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 09/19/2003

REEL/FRAME: 014526/0687

NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

CARLEY, MICHAEL T. ✓

DOC DATE: 06/03/2003

ASSIGNOR:

GINN, RICHARD S. ✓

DOC DATE: 07/09/2003

ASSIGNOR:

SAGASTEGUI, JAVIER ✓

DOC DATE: 06/03/2003

ASSIGNOR:

JABBA, RONALD J.

DOC DATE: 06/03/2003

ASSIGNOR:

ALDRICH, WILLIAM N. ✓

DOC DATE: 06/16/2003

ASSIGNOR:

BELEF, W. MARTIN

DOC DATE: 06/03/2003

ORRICK IP PROSECUTION

Due Date 3/19/05
Action Item Status Check

Resp Atty WLBDocketed by DMOEntered 4/29/04

RECEIVED

APR 29 2004

IRVINE OFFICE

.014526/0687 PAGE 2

ASSIGNEE:

INTEGRATED VASCULAR SYSTEMS, INC.
743 PASTORIA AVE.
SUNNYVALE, CALIFORNIA 94086-2918

SERIAL NUMBER: 10667144
PATENT NUMBER:

FILING DATE: 09/19/2003
ISSUE DATE:

MARY BENTON, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

SEP 20 2005

FORM PTO-1595
(Rev. 10/02)

RECORD

09-30-2003

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

OMB No. 0651-0027 (exp. 6/30/2005)

ATTORNEY DOCKET NO. 701879.8



To the Hon. Commissioner of Patents & Trad

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inal documents or copy thereof.

1. Name of conveying party(ies):

Michael T. Carley, Richard S. Ginn, Javier Sagastegui,
Ronald J. Jabba, William N. Aldrich, and W Martin Belief

2. Name and address of receiving party(ies)

Name Integrated Vascular Systems, Inc.Internal Address: 743 Pastoria Ave.Street Address: Sunnyvale, CA 94086-2918

City: _____ State _____ ZIP _____

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other _____

Execution Date: June 3, 2003; July 9, 2003; June 3, 2003; June 3, 2003; June 16, 2003; and June 3, 2003, respectively

4. Application number(s) or patent number(s): 10/081,726

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached?

☐ Yes☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name Orrick, Herrington & Sutcliffe LLP

Internal Address: _____

Street Address: 4 Park Plaza, Suite 1600City: Irvine State CA ZIP 92614

Attn: James W. Geriak

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$40.00

☐ Enclosed☒ Authorized to be charged to deposit account

8. Deposit Account number:

15-0665

(Attach duplicate copy of this page if paying by deposit account)

09/29/2003 DTRNE 00000182 150665 10667144

01/01/2001 40-00 0A

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

James W. Geriak

Name of Person Signing

Signature

July 10, 2003

Date

Total number of pages including cover sheet, attachments, and document: 4

Mail documents to be recorded with required cover sheet information to:
Mail Stop Assignment Recordation Services, Commissioner of Patents, P.O. Box 1450, Arlington, VA, 22313-1450

Patent
Ornick No. 701879.8
(Former L&L 260/099)

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, WE, MICHAEL T. CARLEY, a citizen of UNITED STATES, RICHARD S. GINN, a citizen of UNITED STATES, JAVIER SAGASTEGUI, a citizen of UNITED STATES, RONALD J. JABBA, a citizen of UNITED STATES, WILLIAM N. ALDRICH, a citizen of UNITED STATES, and W. MARTIN BELEF, a citizen of UNITED STATES, (hereinafter referred to as "ASSIGNORS"), have invented a certain invention entitled CLOSURE DEVICE AND METHODS FOR MAKING AND USING THEM for which application for Letters Patent of the United States of America has been filed on February 21, 2002, assigned Serial No. 10/081,726; and

WHEREAS, INTEGRATED VASCULAR SYSTEMS, INC., a corporation organized and existing under and by virtue of the laws of the State of Delaware and having its place of business at 743 Pastoria Avenue, Sunnyvale, California 94086-2918 (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the exclusive right, title and interest in, to and under said invention and in, to and under any Patent or similar legal protection to be obtained therefor in the United States of America, its territorial possessions and in any and all countries foreign thereto.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby sells, assigns, transfers and sets over unto the said ASSIGNEE, its successors and assigns, the full and exclusive right, title and interest to said invention and to all Letters Patent or application or similar legal protection, not only in the United States and its territorial possessions, but in all countries foreign thereto to be obtained for said invention by said application, and to any continuation, division, renewal, substitute or reissue thereof or any legal equivalent thereof in the United States or a foreign country for the full term or terms for which the same may be granted, including all priority rights under the International Convention; and

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L01879-02600992 XLYON

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(Former L&L 260/099)

ASSIGNOR hereby authorizes and requests the United States Commissioner of Patents and Trademarks, and any officials of foreign countries whose duty it is to issue patents or any legal equivalent thereof, to issue said patents to ASSIGNEE, its successors and assigns, in accordance with this Assignment.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Agreement;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents in the United States or in any foreign country, which may be necessary or desirable to carry out the purposes thereof.

WITNESS my hand at Sunnyvale, California, this 3 day of June, 2003.

Michael T. Carley
MICHAEL T. CARLEY

WITNESS my hand at Sunnyvale, California, this 9 day of July, 2003.

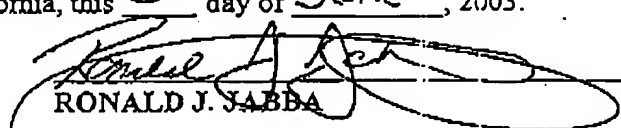
RICHARD S. GINN
RICHARD S. GINN

Patent
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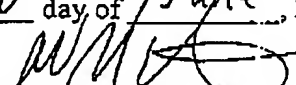
WITNESS my hand at Sunnyvale, California, this 3 day of June, 2003.


JAVIER SAGASTEGUI

WITNESS my hand at Sunnyvale, California, this 3 day of June, 2003.


RONALD J. JABBA

Napa
WITNESS my hand at ~~Sunnyvale~~, California, this 16 day of June, 2003.


WILLIAM N. ALDRICH

WITNESS my hand at Sunnyvale, California, this 3 day of June, 2003.


W. MARTIN BELEF